

AMENDMENTS TO THE CLAIMS

Please cancel claims 36-71 and 137-139 without prejudice. Please add new claims 140-196.

Claims 1-139 (Cancelled)

C3 140. (New) A communications card to be used in a data utilization device and to receive an RJ-xx series plug having a biased clip including an engagement ridge, and to make electrical connection with at least first and second electrical contacts provided on the plug, the communications card comprising:

a face having a dimension that follows the PCMCIA Type III standard;

a recess in the face of the card to receive the RJ-xx series plug, the recess being oriented such that a direction the RJ-xx plug travels if being inserted into the recess is substantially parallel to two larger surfaces of the card;

a plurality of electrical conductors in the recess positioned to make contact with
\\ the first and the second electrical contacts respectively of the RJ-xx plug if the
\\ plug is received in the recess; and

\\ a channel extending through a wall of the recess to form an opening to hold the
biased clip of the RJ-xx plug if the plug is received in the recess, the channel
including an edge to engage the engagement ridge of the clip of the RJ-xx series
plug.

141. (New) The communications card of claim 140, further comprising a note book sized lap top containing a Flash memory and a PCMCIA slot having the card inserted therein.

142. (New) The communications card of claim 140, wherein the opening comprises a T-shaped cutout in the wall of the recess.
143. (New) The communications card of claim 142, wherein the T-shaped cutout includes a first portion running from the face of the card in which the recess is located in a direction substantially perpendicular to the face, for receiving the arm of the clip of an RJ-xx series plug and a second portion substantially perpendicular to the first portion, the second portion including the edge for engaging the engagement ridge of the clip of an RJ-xx series plug.
144. (New) The communications card of claim 140, further comprising a cover overlying the opening.
145. (New) The communications card of claim 144, further comprising the cover including an elastic material.
146. (New) The communications card of claim 140, further comprising a component to provide wireless communication.
147. (New) The communications card of claim 146, wherein the component comprises an auxiliary connector to connect to a cellular telephone.
148. (New) The communications card of claim 140, further comprising a retractable shell, the retractable shell including an upper member containing the opening and a lower member slidably joined to the upper member to slide away from the upper member to form the recess if a plug is inserted between the upper member and the lower member.

149. (New) The communications card of claim 140, further comprising an extendable and retractable shell member to extend to form the recess, the shell member including the wall having the opening therein.
150. (New) The communications card of claim 149, further comprising a flexible connector coupled with the electrical conductors in the recess to flex to maintain electrical connection if the shell member is extended and retracted.
151. (New) The communications card of claim 150, wherein the flexible connector comprises a ribbon cable.
152. (New) The communications card of claim 140, further comprising a pivotable cover to pivot about an axis parallel to the end of the card to an open position to uncover the recess and to a closed position to cover the recess, the pivotable cover including the wall having the opening formed therein.
153. (New) The communications card of claim 152, further comprising a finger pull on the pivotable cover.
154. (New) The communications card of claim 153, further comprising a moveable plug bail coupled with the pivotable cover to engage a portion of the biased clip if the pivotable cover is moved into a position in which the recess is uncovered and if the plug is inserted into the recess.
155. (New) A communications card to be used in a data utilization device and to receive an RJ-xx series plug having a biased clip and to make electrical connection with at least first and second electrical contacts provided on the plug, the communications card comprising:
- a height and a length compliant with the PCMCIA standards for a Type III card;

a first surface, the first surface forming an outer surface of the card;

a first end;

a recess provided at the first end, the recess having dimensions such that the plug is closely received therein, the recess being oriented such that a direction the RJ-xx series plug travels if inserted into the recess is substantially parallel to the first surface and substantially perpendicular to the first end;

a first electrical conductor provided in the recess, the first electrical conductor being positioned to make electrical continuity with the first electrical contact if the plug is received into the recess;

a second electrical conductor provided in the recess, the second electrical conductor being positioned to make electrical continuity with the second electrical contact if the plug is received into the recess;

a conductor to convey an electrical signal present on the first and the second electrical contacts to the data utilization device; and

a biased clip receiving structure adjacent to the recess, the biased clip receiving structure shaped to receive the biased clip if the plug is inserted into the recess and to hold the biased clip and the plug in operative engagement in the recess, wherein the biased clip receiving structure includes an opening in a wall of the recess.

156. (New) The communications card of claim 155, further comprising a cover overlying the opening.
157. (New) The communications card of claim 156, wherein the cover has a thickness from about 0.001 inch to about 0.050 inches.

- 03
158. (New) The communications card of claim 157, further comprising the cover including an elastic material.
 159. (New) The communications card of claim 156, further comprising the cover straddling at least a portion of the first surface of the communications card.
 160. (New) The communications card of claim 155, wherein the opening comprises a T-shaped cutout.
 161. (New) The communications card of claim 155, further comprising a component to provide wireless communication.
 162. (New) The communications card of claim 161, wherein the component comprises an auxiliary connector to connect to a cellular telephone.
 163. (New) The communications card of claim 155, further comprising a retractable shell, the retractable shell including an upper member containing the opening and a lower member slidably joined to the upper member to slide away from the upper member to form the recess if a plug is inserted between the upper member and the lower member.
 164. (New) The communications card of claim 155, further comprising an extendable and retractable shell member to extend to form the recess, the shell member including the wall having the opening therein.
 165. (New) The communications card of claim 164, further comprising a flexible connector coupled with the electrical conductors in the recess to flex to maintain electrical connection if the shell member is extended and retracted.
 166. (New) The communications card of claim 165, wherein the flexible connector comprises a ribbon cable.

167. (New) The communications card of claim 155, further comprising a pivotable cover to pivot about an axis parallel to the end of the card to an open position to uncover the recess and to a closed position to cover the recess, the pivotable cover including the wall having the opening formed therein.
168. (New) The communications card of claim 167, further comprising a finger pull on the pivotable cover.
169. (New) The communications card of claim 168, further comprising a moveable plug bail coupled with the pivotable cover to engage a portion of the biased clip if the pivotable cover is moved into a position in which the recess is uncovered and if the plug is inserted into the recess.
170. (New) The communications card of claim 155, wherein the communications card substantially complies with PCMCIA standards for a Type III card.
171. (New) The communications card of claim 155, further comprising:
- a second surface, the second surface being substantially parallel to the first surface and forming upper and lower surfaces of the communications card;
- second recess means provided at the first end, the second recess means having dimensions such that a second RJ-xx plug is closely received therein, the second recess means being oriented such that the plug is received therein both between and parallel to the first and second surfaces;
- a third electrical conductor provided in the second recess means, the third electrical conductor being positioned such that it makes electrical continuity with a first electrical contact in the second plug when the second plug is received by the second recess means;

a fourth electrical conductor provided in the second recess means, the fourth electrical conductor being positioned such that it makes electrical continuity with a second electrical contact in the plug when the plug is received by the second recess means;

means for conveying an electrical signal present on the first and second electrical contacts to the communications card; and

a second biased clip receiving structure adjacent to the second recess means, the second biased clip receiving structure shaped to receive the biased clip when the RJ plug is inserted into the second recess means.

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172. (New) An apparatus to be used in a host system having a PCMCIA Type III standard slot, the device comprising:

a housing having longitudinal sides, a front end and a rear portion, at least the rear portion of the housing having a thickness conforming substantially to a thickness of the PCMCIA Type III standard;

a connector at the front end of the housing adapted to be received by a corresponding connector within the slot of the host system, the connector being electrically connected to a first conductor to convey an electrical signal present on the corresponding connector to the device;

at least one recess, the at least one recess being defined at the rear portion of the housing, the at least one recess being sized and configured to receive an RJ-type plug if the plug is inserted into the at least one recess in a direction substantially perpendicular to the front end;

a plurality of contact wires located in the at least one recess, each of the contact wires being shaped and positioned to engage a corresponding contact on the RJ-type plug, the contacts on the RJ-type plug to engage the contact wires in the at least one recess if the plug is inserted into the recess, each of the contact wires being electrically connected to a second conductor to convey an electrical signal present on the electrical contacts to the device; and

a cutout in a wall of the at least one recess to receive a biased clip of the plug if the plug is inserted into the recess and to hold the biased clip and the plug in operative engagement in the recess.

173. (New) The apparatus of claim 172, further comprising a note book sized lap top containing a Flash memory and a PCMCIA slot having the card inserted therein.
174. (New) The apparatus of claim 172, wherein the cutout comprises a T-shaped cutout.
175. (New) The apparatus of claim 172, further comprising a cover including an elastic material overlying the cutout.
176. (New) The apparatus of claim 172, further comprising an auxiliary connector at the rear portion of the housing, the auxiliary connector to connect to a cellular telephone.
177. (New) The apparatus of claim 172, further comprising a retractable shell, the retractable shell including an upper member containing the cutout and a lower member slidably joined to the upper member to slide away from the upper member to form the recess if a plug is inserted between the upper member and the lower member.

178. (New) The apparatus of claim 172, further comprising an extendable and retractable shell member to extend to form the recess, the shell member including the wall having the cutout therein.
179. (New) The apparatus of claim 178, further comprising a flexible connector coupled with the electrical conductors in the recess to flex to maintain electrical connection if the shell member is extended and retracted.
180. (New) The apparatus of claim 179, wherein the flexible connector comprises a ribbon cable.
181. (New) The apparatus of claim 172, further comprising a pivotable cover to pivot about an axis parallel to the end of the card to an open position to uncover the recess and to a closed position to cover the recess, the pivotable cover including the wall having the cutout formed therein.
182. (New) The apparatus of claim 181, further comprising a finger pull on the pivotable cover.
183. (New) The apparatus of claim 182, further comprising a moveable plug bail coupled with the pivotable cover to engage a portion of the biased clip if the pivotable cover is moved into a position in which the recess is uncovered and if the plug is inserted into the recess.
184. (New) An apparatus comprising:
- a lap top including a Flash memory and a PCMCIA slot;
- a communications card in the PCMCIA slot, the communication card to receive an RJ-xx series plug having a biased clip including an engagement ridge, and to

make electrical connection with at least first and second electrical contacts provided on the plug, the communications card including:

a face having a dimension that follows the PCMCIA Type III standard;

a recess in the face of the card to receive the RJ-xx series plug, the recess being oriented such that a direction the RJ-xx plug travels if inserted into the recess is substantially parallel to two larger surfaces of the card;

a plurality of electrical conductors in the recess positioned to make contact with the first and the second electrical contacts respectively of the RJ-xx plug if the plug is received in the recess; and

(3) a channel extending through a wall of the recess to form an opening to hold the biased clip of the RJ-xx plug if the plug is received in the recess, the channel including an edge to engage the engagement ridge of the clip of the RJ-xx series plug.

185. (New) The apparatus of claim 184, wherein the opening comprises a T-shaped cutout in the wall of the recess.
186. (New) The apparatus of claim 184, further comprising a cover overlying the cutout.
187. (New) The apparatus of claim 186, further comprising an elastic material of the cover.
188. (New) The apparatus of claim 184, further comprising a component to provide wireless communication.

189. (New) The apparatus of claim 188, wherein the component comprises an auxiliary connector to connect to a cellular telephone.
190. (New) The apparatus of claim 184, further comprising a retractable shell, the retractable shell including an upper member containing the opening and a lower member slidably joined to the upper member to slide away from the upper member to form the recess if a plug is inserted between the upper member and the lower member.
191. (New) The apparatus of claim 184, further comprising an extendable and retractable shell member to extend to form the recess, the shell member including the wall having the opening therein.
192. (New) The apparatus of claim 191, further comprising a flexible connector coupled with the electrical conductors in the recess to flex to maintain electrical connection if the shell member is extended and retracted.
193. (New) The apparatus of claim 192, wherein the flexible connector comprises a ribbon cable.
194. (New) The apparatus of claim 184, further comprising a pivotable cover to pivot about an axis parallel to the end of the card to an open position to uncover the recess and to a closed position to cover the recess, the pivotable cover including the wall having the opening formed therein.
195. (New) The apparatus of claim 194, further comprising a finger pull on the pivotable cover.
196. (New) The apparatus of claim 195, further comprising a moveable plug bail coupled with the pivotable cover to engage a portion of the biased clip if the

pivotable cover is moved into a position in which the recess is uncovered and if the plug is inserted into the recess.

C3